Attorney's Docket No.: 10982103-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	: D. Amnon Silverstein	Art Unit	: 2612
Serial No.	: 09/484,667	Examiner	: Rosendale, Matthew L.
Filed	: Jan. 18, 2000		
Title	: POINTING DEVICE FOR DIGITAL CAMERA DISPLAY		

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

EXHIBIT I

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on:

June 14, 2004
Date

(Signature of person mailing papers)

Edouard Garcia
(Typed or printed name of person mailing papers)

e-mail from june 99

From amnon@hpl.hp.com Wed Jun 30 12:16:25 1999
Received: from hplms2.hpl.hp.com by hplads.hpl.hp.com with ESMTP
(1.37.109.10G/15.5+ECS 3.3+HPL1.1) id AA002560185; Wed, 30 Jun 1999 12:16:25 -0700
Return-Path: <amnon@hpl.hp.com>
Received: from hpl.hp.com (poppy.hpl.hp.com [15.4.91.177])
by hplms2.hpl.hp.com (8.8.6/8.8.6 HPLabs Hub) with ESMTP id MAA08711;
Wed, 30 Jun 1999 12:05:47 -0700 (PDT)
Message-Id: <377A6A07.C9942B22@hpl.hp.com>
Date: Wed, 30 Jun 1999 12:03:35 -0700
From: Amnon Silverstein <amnon@hpl.hp.com>
Organization: Hewlett Packard Laboratories
X-Mailer: Mozilla 4.08 [en] (WinNT; I)
Mime-Version: 1.0
To: farrell@hpl.hp.com, Amnon Silverstein <amnon@hpl.hp.com>
Subject: Progress Report
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Status: RO

Progress Report
June 1999

Interviewed and hired two SEED interns from U.C. Berkeley. Set them up with computers and etc.

Capybara 1999
Hardware:
Completed our first prototype. It is very large, but it has most of the functionality we plan to include in the final prototype. This prototype includes a camera (using a standard Microsoft interface and USB), an HP microdisplay, motion tracking (by means of either CAST image motion or gyroscope), and control buttons (also USB). I reviewed the specifications of many different motion tracking systems, and I found a very inexpensive and suitable device.

Started work on the new prototype, which will be in approximately the final format. It is much smaller and it will be easier to use.

Software:
Supervised the interns with the development of the software. The software so far includes:
Motion tracking, using CAST
A virtual panoramic mode, where the camera's motion is used to control visual motion
A thumbnail selection tool, that also uses the camera's motion
A picture capture and delete tool, that uses closed-circuit video

Personal development
I have been attending night school classes in C++ to improve my proficiency in that language

Owl
I have continued meeting with the owl team once a week. I have discussed